

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082818\
 Data File : BF108571.D
 Acq On : 28 Aug 2018 22:23
 Operator : JU/SJ
 Sample : J4556-10RE
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20180535-AMENDED-COMPOSITE-(

Quant Time: Aug 29 01:37:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

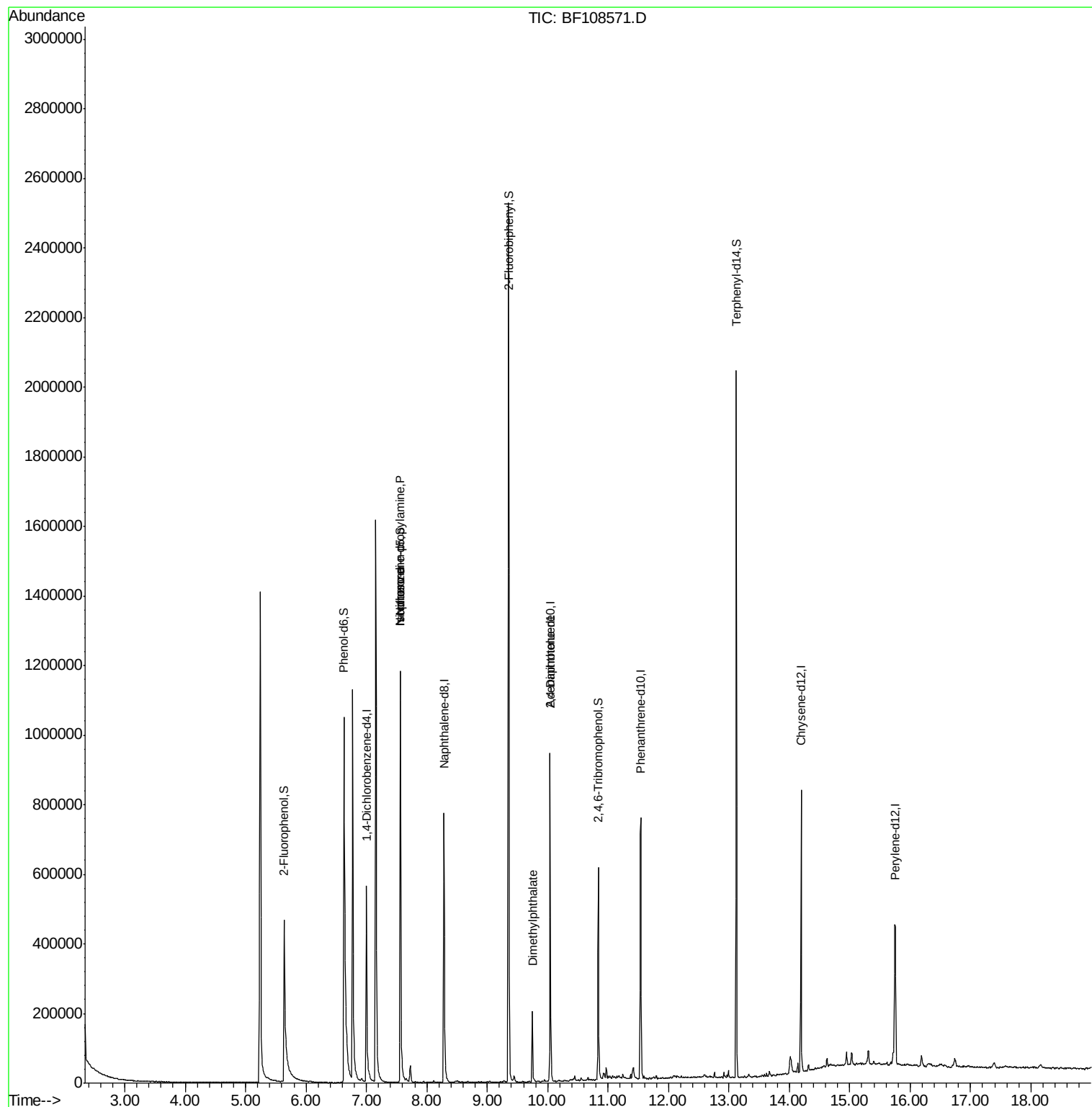
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	106696	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	405962	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	182501	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	298269	20.00	ng	0.00
75) Chrysene-d12	14.19	240	272329	20.00	ng	0.00
86) Perylene-d12	15.75	264	217468	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	252118	42.78	ng	0.00
7) Phenol-d6	6.63	99	557091	71.14	ng	0.00
23) Nitrobenzene-d5	7.56	82	460606	63.31	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	74480	40.91	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	784365	69.00	ng	-0.01
78) Terphenyl-d14	13.12	244	670521	62.60	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.56	70	61852	11.679	ng	# 84
25) Isophorone	7.56	82	460598	33.216	ng	# 64
49) Dimethylphthalate	9.75	163	92963	7.313	ng	# 99
56) 2,4-Dinitrotoluene	10.04	165	23543	6.877	ng	# 23

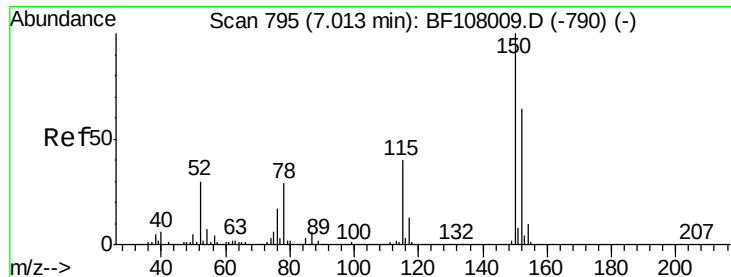
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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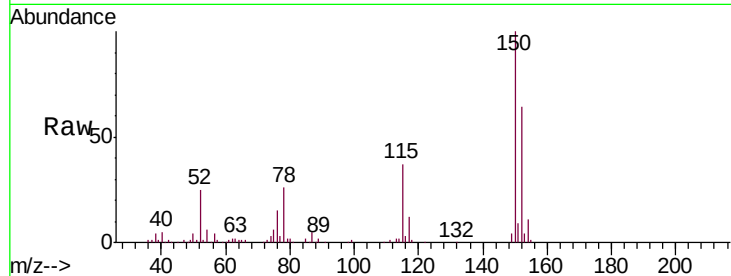


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108571.D
Acq: 28 Aug 2018 22:23

Instrument :
BNA_F
ClientSampleId :
20180535-AMENDED-COMPOSITE-(

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.6	186.8
115	58.0	50.1	75.1

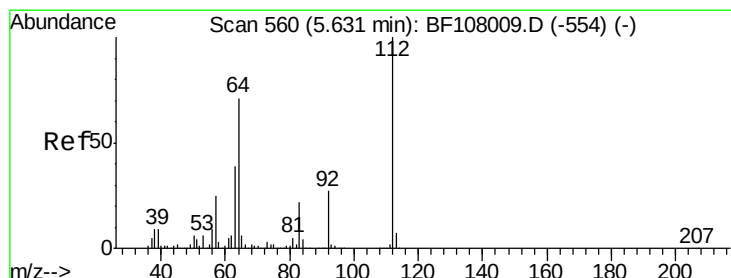
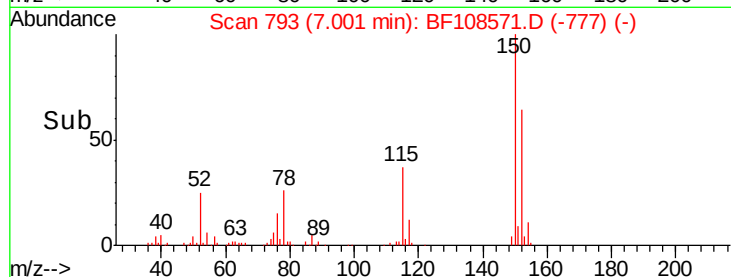
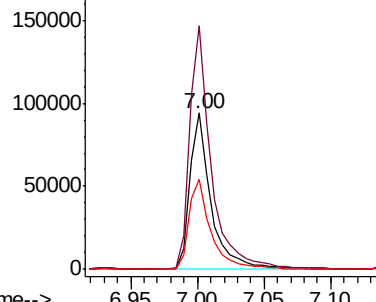


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

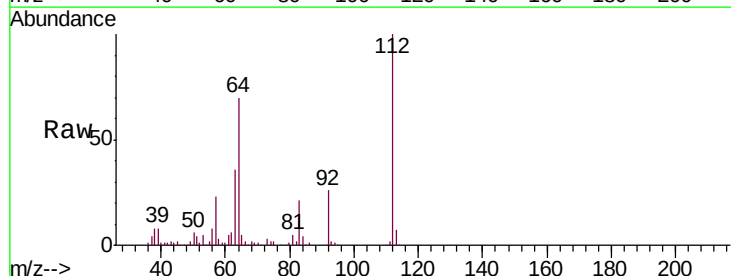
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 42.780 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108571.D
Acq: 28 Aug 2018 22:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.9	47.9	71.9
63	36.2	23.7	35.5

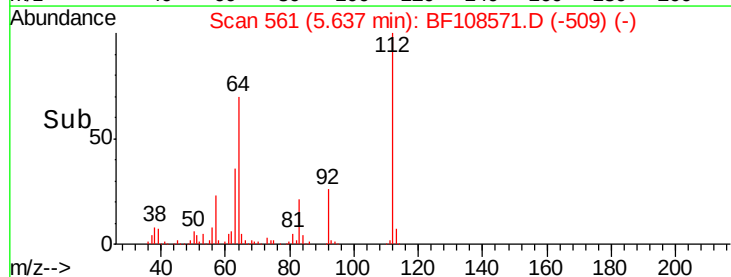
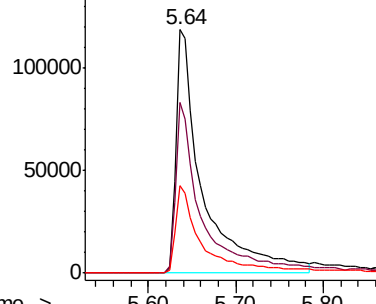


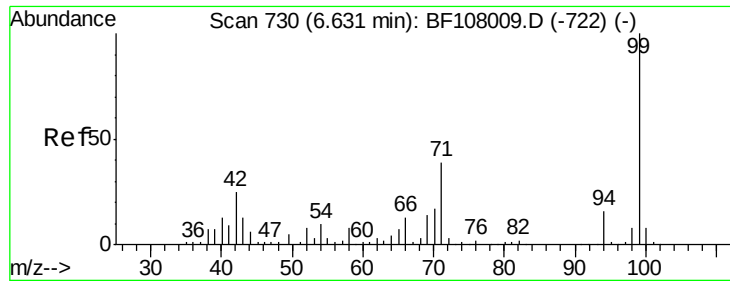
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 71.135 ng

RT: 6.63 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF108571.D

Acq: 28 Aug 2018 22:23

Instrument :

BNA_F

ClientSampleId :

20180535-AMENDED-COMPOSITE-(-

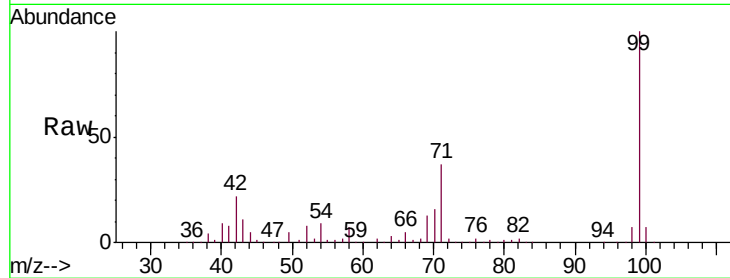
Tgt Ion: 99 Resp: 557091

Ion Ratio Lower Upper

99 100

42 21.7 14.5 21.7#

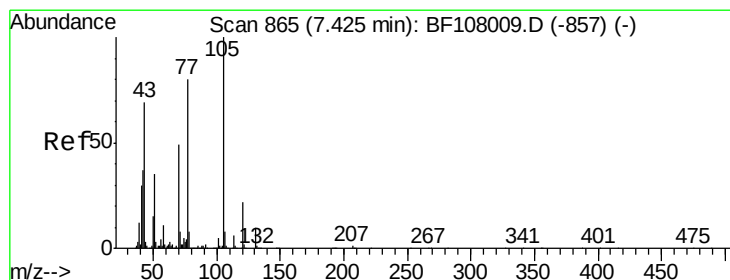
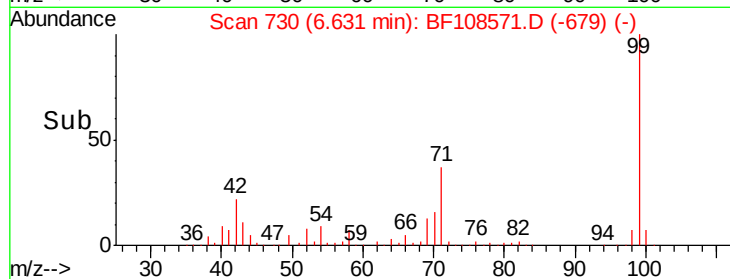
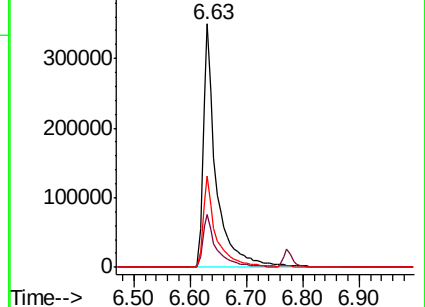
71 37.4 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 11.679 ng

RT: 7.56 min Scan# 888

Delta R.T. 0.15 min

Lab File: BF108571.D

Acq: 28 Aug 2018 22:23

Tgt Ion: 70 Resp: 61852

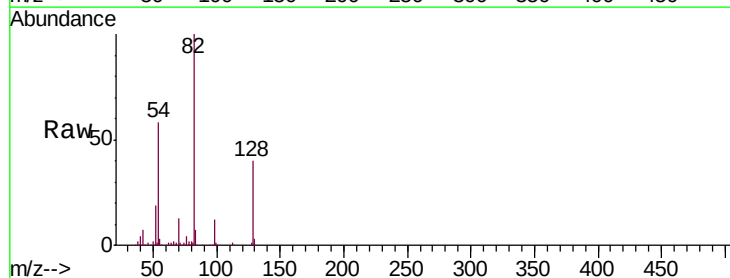
Ion Ratio Lower Upper

70 100

42 55.1 47.5 71.3

101 0.0 7.4 11.2#

130 1.7 16.6 25.0#

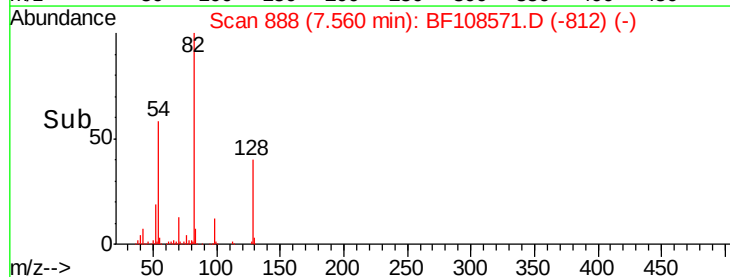
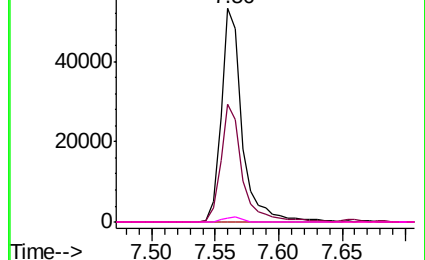


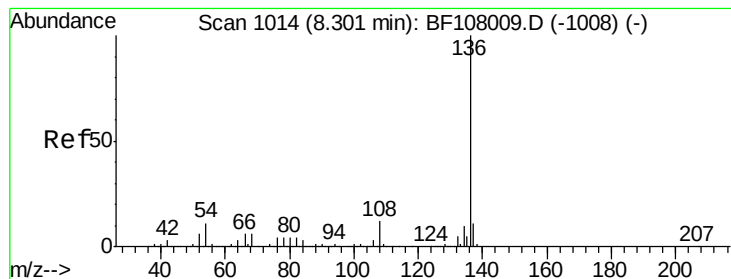
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.28 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF108571.D

Acq: 28 Aug 2018 22:23

Instrument :

BNA_F

ClientSampleId :

20180535-AMENDED-COMPOSITE-(

Tgt Ion:136 Resp: 405962

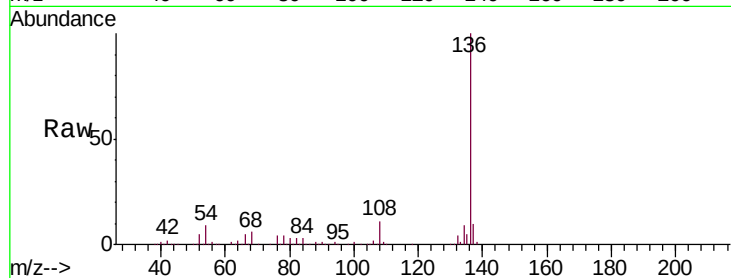
Ion Ratio Lower Upper

136 100

137 10.4 8.9 13.3

54 8.8 6.6 9.8

68 5.6 5.0 7.4

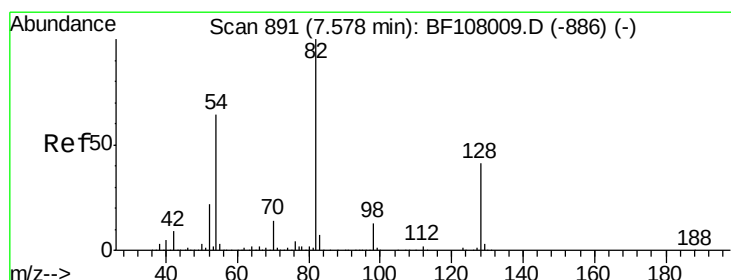
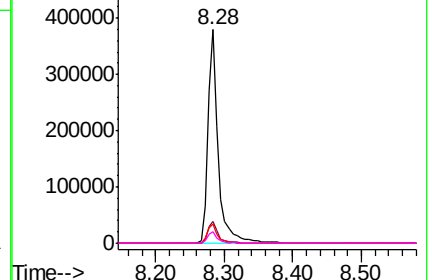
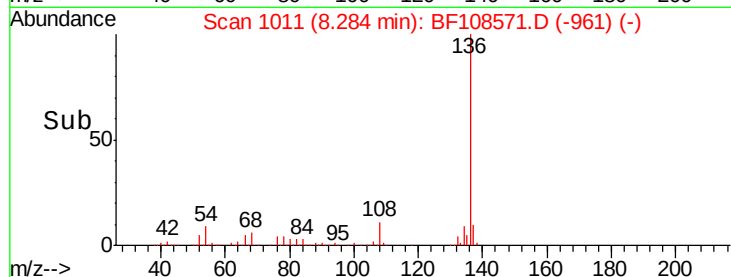


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 63.313 ng

RT: 7.56 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF108571.D

Acq: 28 Aug 2018 22:23

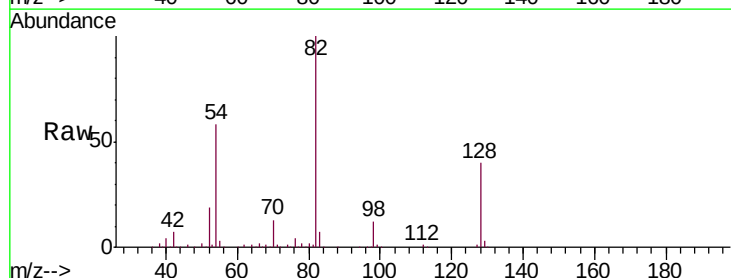
Tgt Ion: 82 Resp: 460606

Ion Ratio Lower Upper

82 100

128 40.2 36.1 54.1

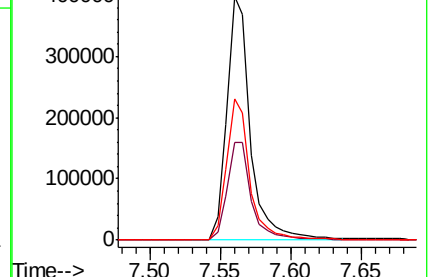
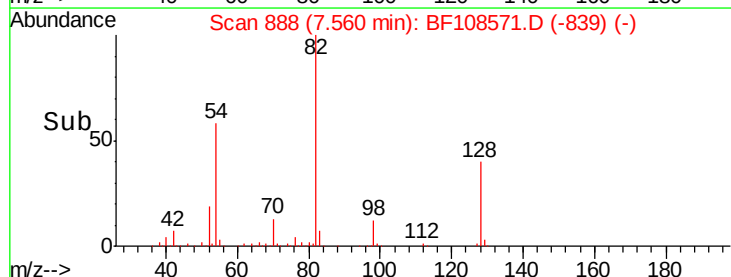
54 58.0 41.4 62.2

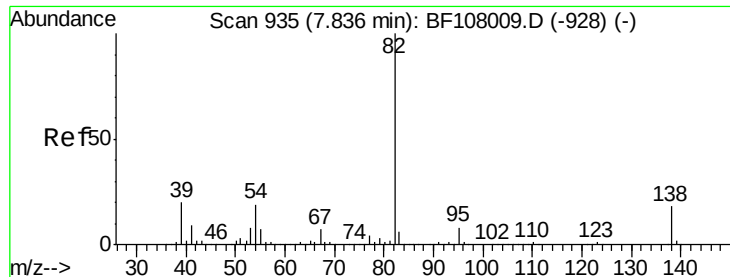


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

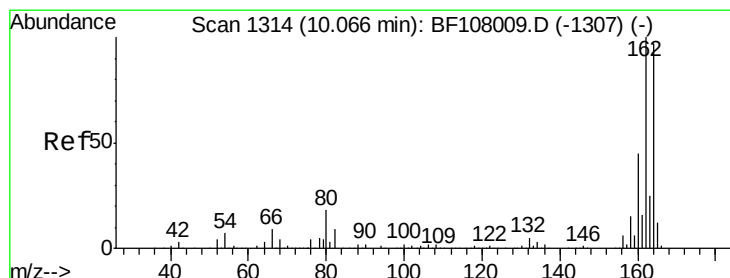
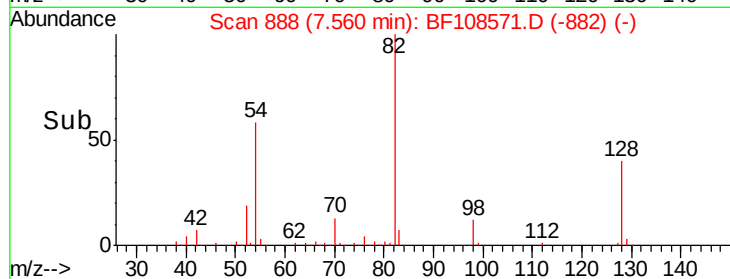
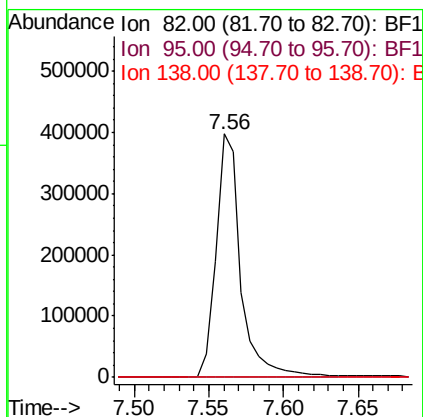
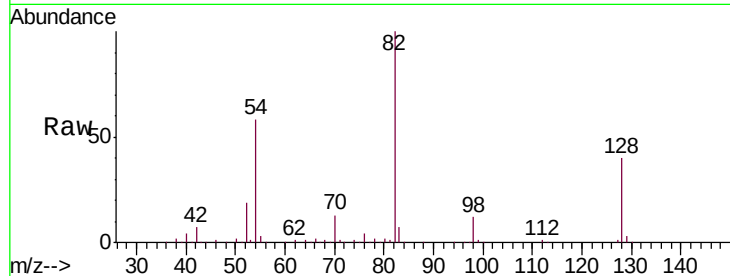




#25
Isophorone
Concen: 33.216 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.26 min
Lab File: BF108571.D
Acq: 28 Aug 2018 22:23

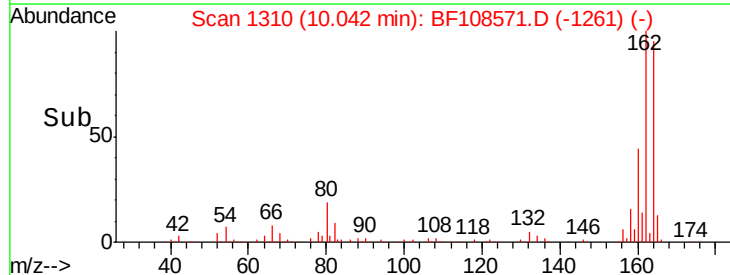
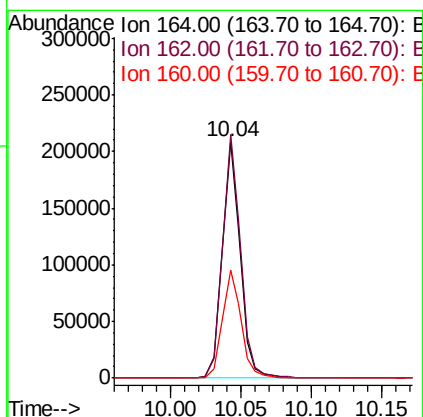
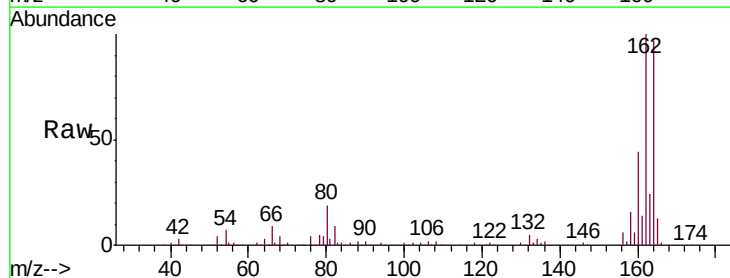
Instrument :
BNA_F
ClientSampleId :
20180535-AMENDED-COMPOSITE-(-)

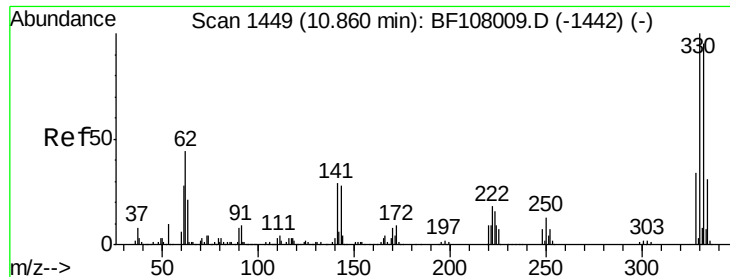
Tgt Ion: 82 Resp: 460598
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108571.D
Acq: 28 Aug 2018 22:23

Tgt Ion: 164 Resp: 182501
Ion Ratio Lower Upper
164 100
162 103.2 86.1 129.1
160 45.7 38.3 57.5

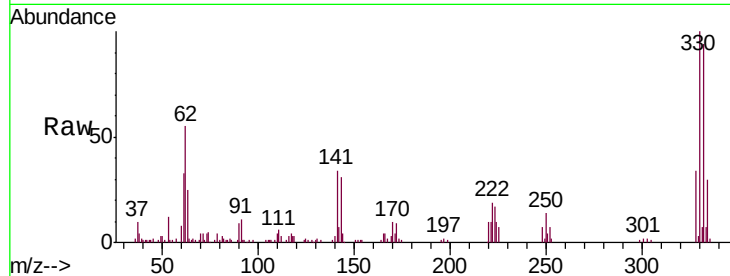




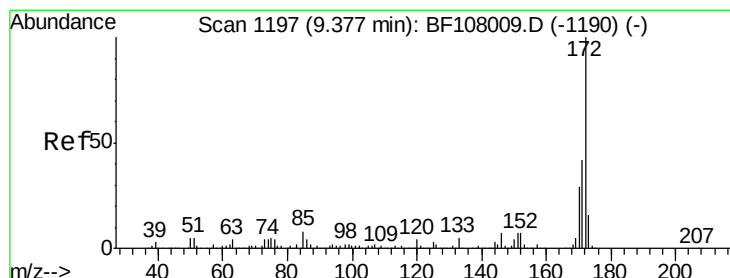
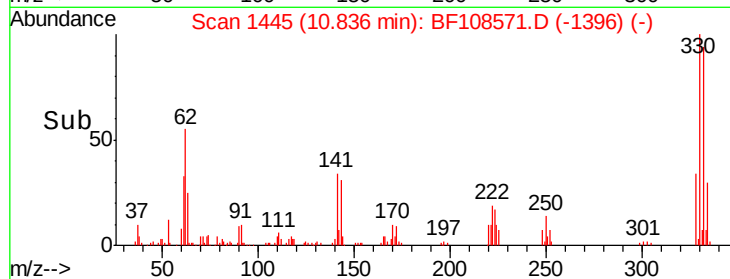
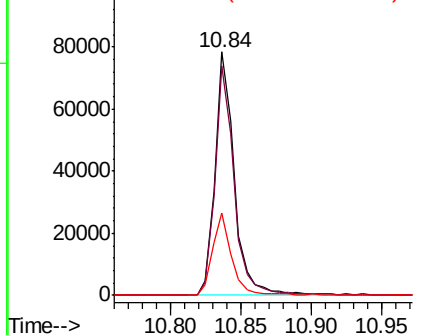
#41
 2,4,6-Tribromophenol
 Concen: 40.914 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108571.D
 Acq: 28 Aug 2018 22:23

Instrument :
 BNA_F
 ClientSampleId :
 20180535-AMENDED-COMPOSITE-(-)

Tgt Ion:330 Resp: 74480
 Ion Ratio Lower Upper
 330 100
 332 93.9 77.0 115.6
 141 33.2 29.9 44.9

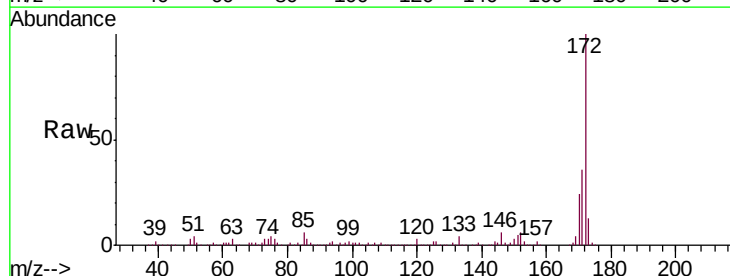


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

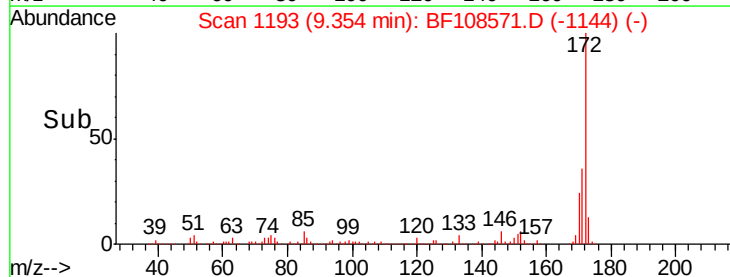
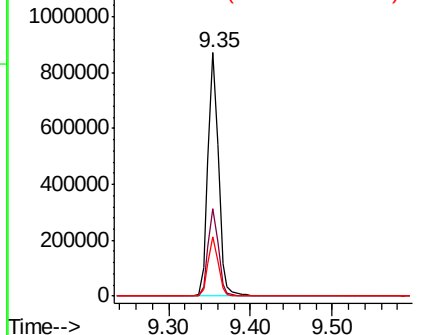


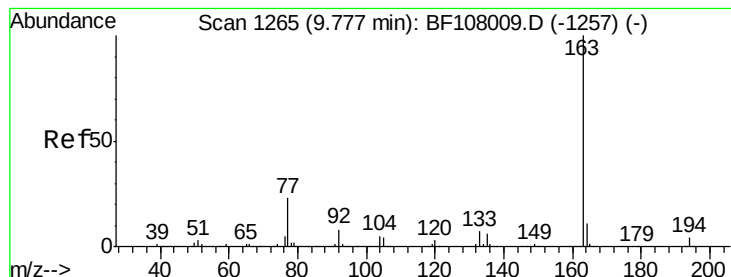
#44
 2-Fluorobiphenyl
 Concen: 69.001 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108571.D
 Acq: 28 Aug 2018 22:23

Tgt Ion:172 Resp: 784365
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 24.2 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 7.313 ng

RT: 9.75 min Scan# 1260

Delta R.T. -0.02 min

Lab File: BF108571.D

Acq: 28 Aug 2018 22:23

Instrument :

BNA_F

ClientSampleId :

20180535-AMENDED-COMPOSITE-(-)

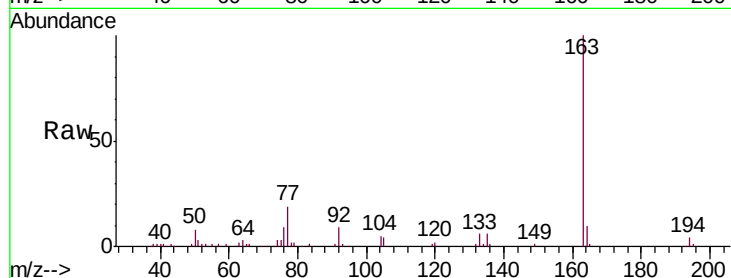
Tgt Ion:163 Resp: 92963

Ion Ratio Lower Upper

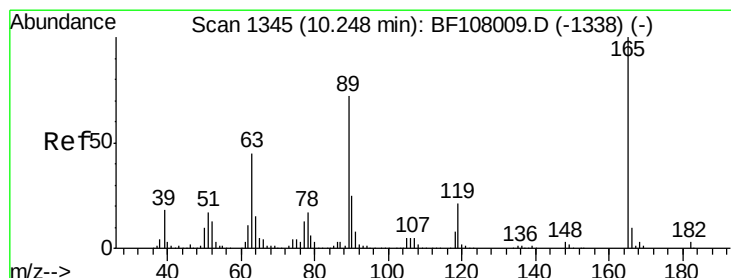
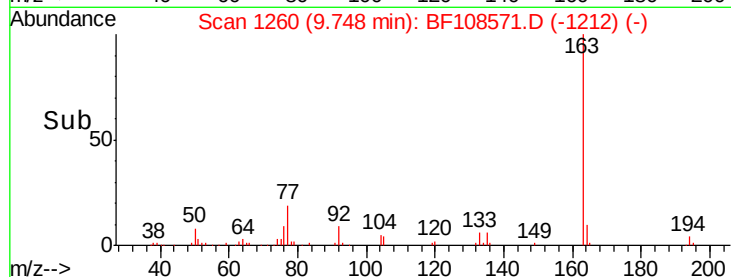
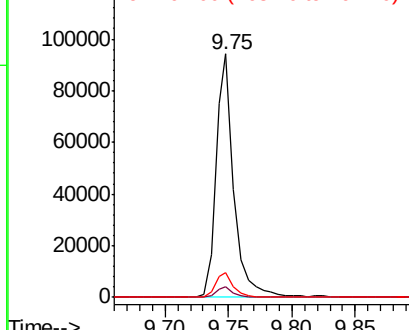
163 100

194 4.1 2.7 4.1#

164 10.2 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#56

2,4-Dinitrotoluene

Concen: 6.877 ng

RT: 10.04 min Scan# 1310

Delta R.T. -0.19 min

Lab File: BF108571.D

Acq: 28 Aug 2018 22:23

Tgt Ion:165 Resp: 23543

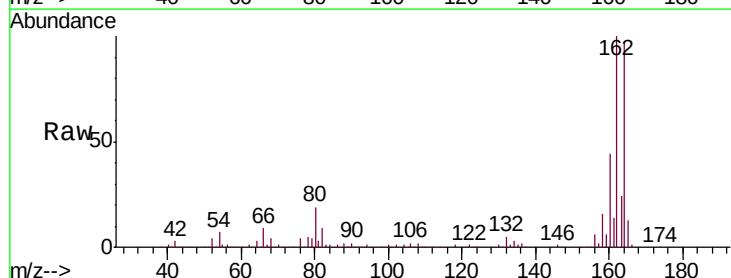
Ion Ratio Lower Upper

165 100

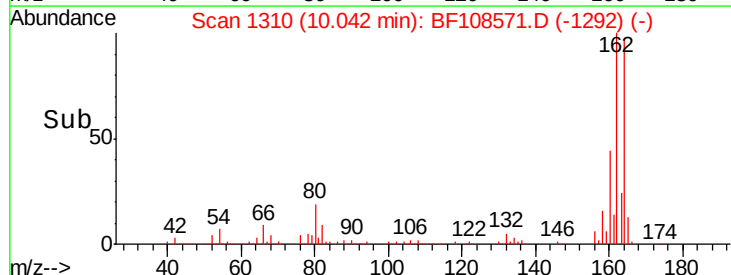
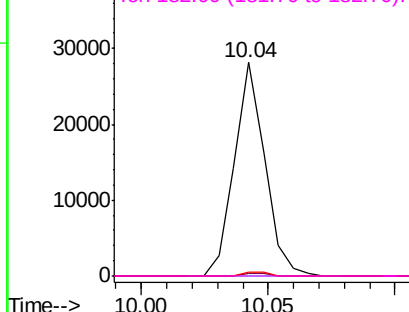
63 1.2 36.4 54.6#

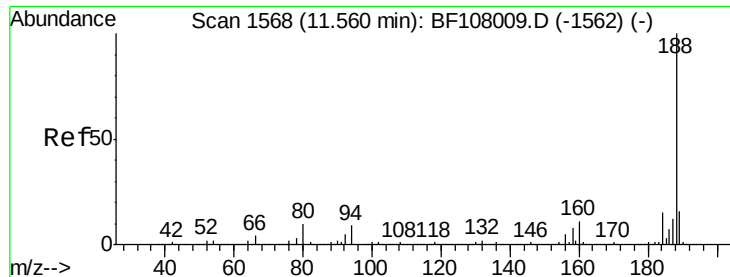
89 1.9 57.8 86.6#

182 0.0 1.6 2.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

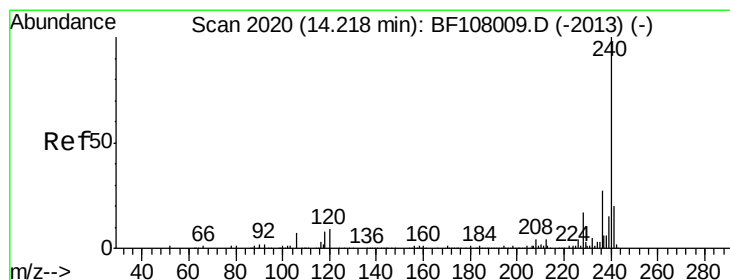
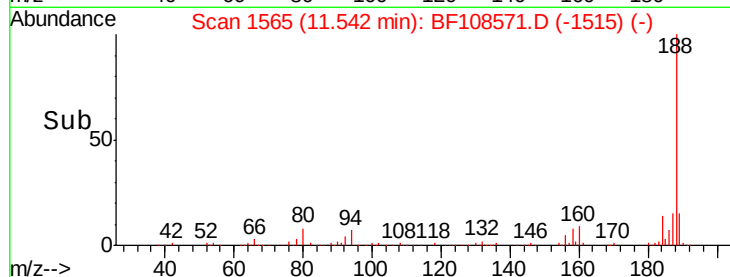
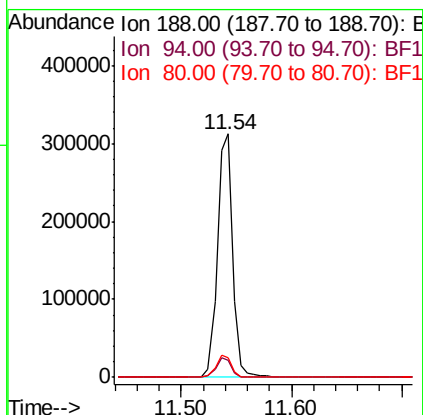
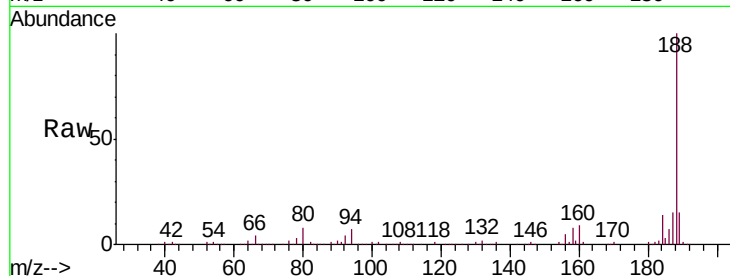




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108571.D
Acq: 28 Aug 2018 22:23

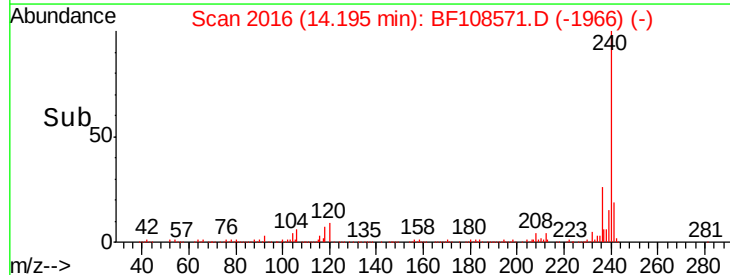
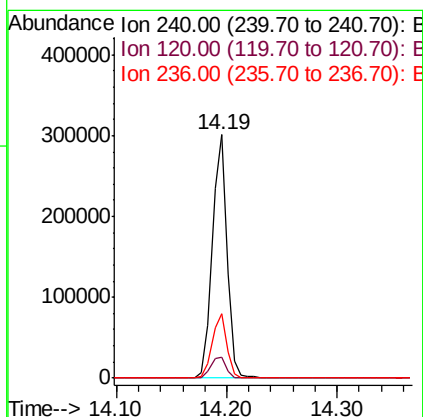
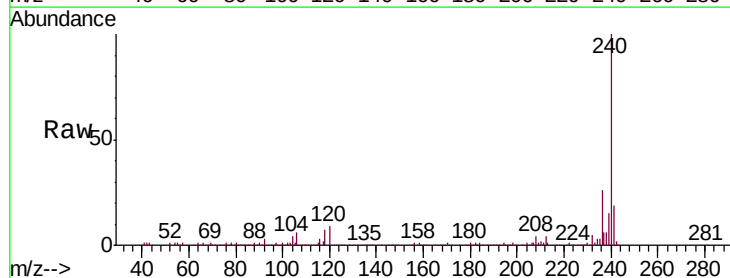
Instrument :
BNA_F
ClientSampleId :
20180535-AMENDED-COMPOSITE-(-)

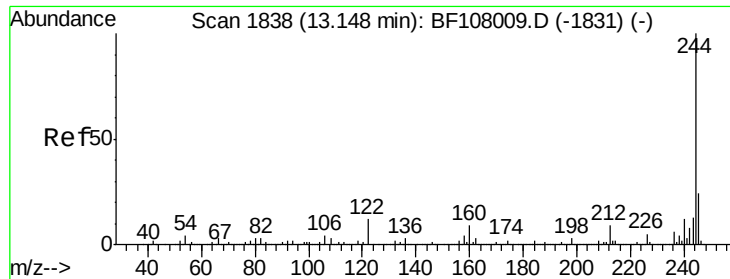
Tgt Ion:188 Resp: 298269
Ion Ratio Lower Upper
188 100
94 7.2 8.5 12.7#
80 8.0 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF108571.D
Acq: 28 Aug 2018 22:23

Tgt Ion:240 Resp: 272329
Ion Ratio Lower Upper
240 100
120 8.7 9.5 14.3#
236 26.3 20.7 31.1





#78

Terphenyl-d14

Concen: 62.602 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108571.D

Acq: 28 Aug 2018 22:23

Instrument :

BNA_F

ClientSampleId :

20180535-AMENDED-COMPOSITE-(

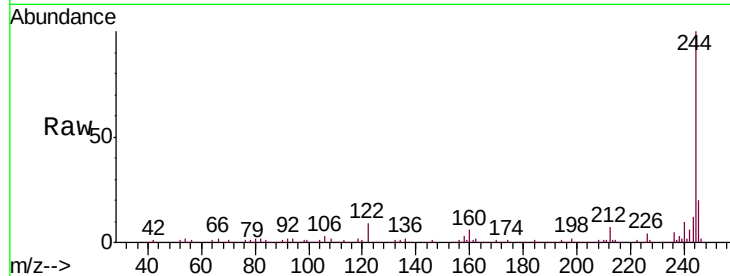
Tgt Ion:244 Resp: 670521

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

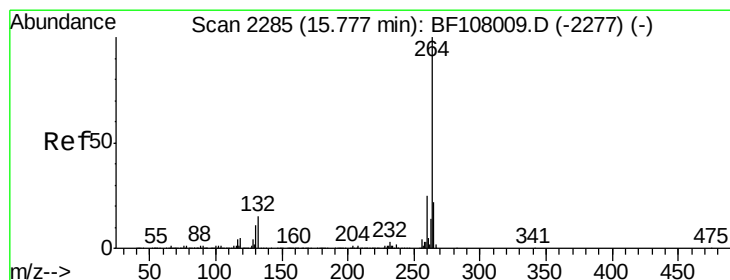
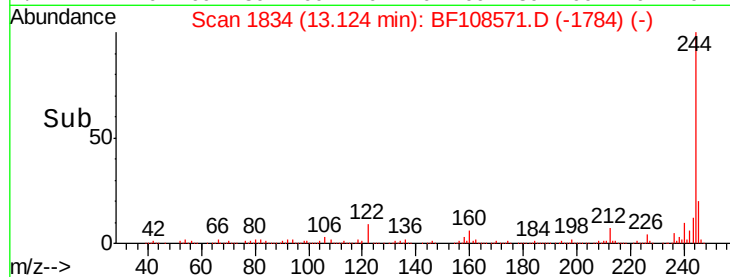
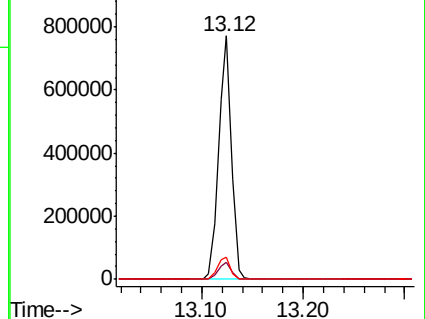
122 9.2 11.0 16.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.75 min Scan# 2281

Delta R.T. -0.01 min

Lab File: BF108571.D

Acq: 28 Aug 2018 22:23

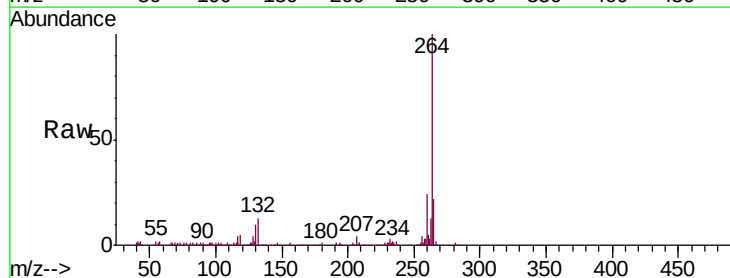
Tgt Ion:264 Resp: 217468

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.7 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

